

ABSTRACT OF THE DISCLOSURE

A wireless communication system is disclosed having an RLC layer of a transparent mode and data processing method in the same. The present invention provides a way to store service data units transferred from a higher layer in a transmission data storage module, receive information about a prescribed size and number of protocol data unit(s) from a lower layer, turn the respective service data units into at least one protocol data unit in accordance with the received information about the prescribed size and number, and transmit the at least one protocol data unit to the lower layer in every transmission time interval.